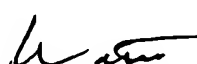


Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 031890-1705		SERIAL NO.		
INFORMATION DISCLOSURE CITATION  (Use several sheets if necessary)				APPLICANT Gardner				
				FILING DATE Herewith		GROUP ART UNIT		
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
12	A1	386,619	07/1888	Wilson et al.	33	31		
	A2	517,522	04/1894	King	33	31		
	A3	494,864	04/04/1893	Huston			01/09/1893	
	A4	973,047	10/1910	Jeter	33	31		
	A5	1,326,260	12/30/1919	Hardebeck			04/22/1919	
	A6	1,010,292	11/1911	McKinstry	33	31		
12	A7	1,614,772	01/18/1927	Bambini, et al.			11/25/1925	
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
12	A8	2066599		RU (Abstract)	B23	C003	X	
12	A9	200012275		WO (Abstract)	B26	B-029	X	
12	A10	2075405	11/18/1981	GB (Abstract)	B26	B5	X	
12	A11	2621687		DE (Abstract)	B26	D-001	X	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
12	A12	Ellipsographs of De l'Hospital, <a href="http://155.185.1.61/labmat/hospitin.htm">http://155.185.1.61/labmat/hospitin.htm</a> , Page 1 of 1, June 5, 2000.						
	A13	Ellipsograph of Van Schooten, <a href="http://155.185.1.61/labmat/Vanschin.htm">http://155.185.1.61/labmat/Vanschin.htm</a> , Page 1 of 1, June 5, 2000.						
	A14	The Fletcher-Terry Company, Product Book, 26 Pages.						
	A15	Delphion Intellectual Property Network, 7/6/00, 3 pages, <a href="http://www.patents.ibm.com/details?pn=JP02293200A2">http://www.patents.ibm.com/details?pn=JP02293200A2</a>						
12	A16	Delphion Intellectual Property Network, 7/6/00, 3 pages, <a href="http://www.patents.ibm.com/details?pn=JP01308698A2">http://www.patents.ibm.com/details?pn=JP01308698A2</a>						
EXAMINER  12				DATE CONSIDERED  6/22/04				
<ul style="list-style-type: none"> <li>EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.</li> </ul>								

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<b>INFORMATION DISCLOSURE CITATION</b>  <i>(Use several sheets if necessary)</i>				APPLICANT <div style="text-align: center;">Gardner</div>				
				FILING DATE <div style="text-align: center;">Herewith</div>		GROUP ART UNIT		
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
	A17	1,806,484	05/19/1931	Michaud			05/02/1930	
	A18	2,215,216	09/17/1940	Gits, et al.	30	162	12/14/1936	
	A19	2,458,208	01/04/1949	Ruger	33	31	12/02/1944	
	A20	2,872,732	02/10/1959	Arrowood	30	314	10/04/1957	
	A21	2,908,972	10/20/1959	Nitenson	30	293	07/31/1956	
	A22	2,925,655	02/23/1960	De Beek	33	31	11/18/1958	
	A23	3,032,893	05/08/1962	Debeh	35	13	02/07/1961	
<b>FOREIGN PATENT DOCUMENTS</b>								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
	A24	979278		GB (Abstract)	B26	D4	X	
	A25	1265398		DE (Abstract)			X	
	A26	81840		DD (Abstract)	B06	H-007	X	
	A27	2511081		DE (Abstract)	B27	F-005	X	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
	A28	Delphion Intellectual Property Network, 7/6/00, 3 pages, JP4369600. <a href="http://www.patents.ibm.com/details?pn=JP04369600A2">http://www.patents.ibm.com/details?pn=JP04369600A2</a>						
		Delphion Intellectual Property Network, 7/6/00, 3 pages, <a href="http://www.patents.ibm.com/details?pn=JP08257802A2">http://www.patents.ibm.com/details?pn=JP08257802A2</a>						
	A30	"What Can You Do With A Doodle Cutter?", Creating Keepsakes, July-August 1999						
	A31	Instructions for Doodle Cutter, Minx, Inc., July 21, 2000						
	A32	Coluzzle Collage Template System, California East, Ltd., February 1999						
EXAMINER <div style="text-align: center;"></div>				DATE CONSIDERED <div style="text-align: center;">6/22/04</div>				
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<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
RN	A33	1,837,912	12/1931	Mann	33	31		
	A34	2,494,557	01/1950	Irick	33	31		
	A35	2,512,786	06/27/1950	Borg	33	27		
	A36	3,165,130	01/12/1965	Sanders	144	33	02/21/1961	
	A37	3,562,915	02/16/1971	Brown	33	31	05/06/1969	
	A38	3,820,245	06/28/1974	Yozzo	33	27	06/26/1973	
	A39	3,845,676	11/05/1974	Pierce (Abstract)				
RN	A40	3,867,636	02/18/1975	Miyahara	250	445	03/15/1974	
<b>FOREIGN PATENT DOCUMENTS</b>								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
RN	A41	2522188	/	DE (Abstract)	<del>B23</del>	<del>P-001</del>	X	
	A42	547362	/	SU (Abstract)	<del>B29</del>	<del>C-017</del>	X	
	A43	864171	/	BE (Abstract)	<del>B25</del>	<del>D-003</del>	X	
RN	A44	640788	/	SU (Abstract)	<del>B21</del>	<del>D-026</del>	X	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
RN	A45	Nested Templates, California East, Ltd., May 1998						
	A46							
	A47							
	A48							
EXAMINER				DATE CONSIDERED				
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<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
	A49	4,048,724	09/20/1977	Abstract	—	—		
	A50	4,176,452	12/04/1979	Duggins, et al. (Abstract)	—	—		
	A51	4,148,144	04/1979	Stiles	33	33		
	A52	4,222,169	09/16/1980	Lockwood	30	286		
	A53	4,233,736	11/18/1980	Duggins, et al.	30	293	11/19/1979	
	A54	4,306,598	12/22/1981	Peot	144	136	06/26/1980	
<b>FOREIGN PATENT DOCUMENTS</b>								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
	A55	2815383	—	DE (Abstract)	<del>B-07</del>	<del>B-007</del>	X	
	A56	742397	—	SU (Abstract)	<del>B43</del>	<del>L-011</del>	X	
	A57	2441468	—	FR (Abstract)	<del>B26</del>	<del>E-001</del>	X	
	A58	946815	—	SU (Abstract)	<del>B23</del>	<del>C-005</del>	X	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
	A59							
	A60							
	A61							
	A62							
	A63							
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<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
<i>m</i>	A64	4,407,074	10/04/1983	Ledbetter	33	27		
	A65	4,445,275	05/01/1984	Dubrow	33	30	06/07/1982	
	A66	4,624,057	11/25/1986	Hursey	33	570	08/06/1985	
	A67	4,649,647	03/17/1987	Kaulfuss	30	293	10/21/1985	
<i>V</i>	A68	4,691,604	09/08/1987	Abstract	-	-		
	A69	4,790,222	12/13/1988	Morgan	82	1.3	10/29/1987	
<i>m</i>	A70	4,934,054	08/19/1990	Morozumi	30	293	12/06/1988	
	A71				-			
	A72							
<b>FOREIGN PATENT DOCUMENTS</b>								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
<i>m</i>	A73	992439	-	SU (Abstract)	<del>B03</del>	<del>B-033</del>	X	
<i>f</i>	A74	3235823	-	DE (Abstract)	<del>B26</del>	<del>D-001</del>	X	
	A75	58172240	-	JP (Abstract)	<del>B26</del>	<del>D-005</del>	X	
<i>m</i>	A76	3343370	-	DE (Abstract)	<del>B26</del>	<del>B-013</del>	X	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
	A77							
	A78							
	A79							
	A80							
EXAMINER <i>Le wto</i>				DATE CONSIDERED <i>6/22/04</i>				
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<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
<i>RM</i>	A81	4,773,798	09/27/1988	Gaster, et al.	408	102		
	A82	4,782,730	11/08/1988	Picone, et al.	83	745		
	A83	4,858,322	08/22/1987	Kluga	30	310		
	A84	5,014,584	05/14/1991	Kozyrski, et al.	83	464	07/14/1989	
	A85	5,123,170	06/23/1992	Abstract				
	A86	5,430,946	07/11/1995	Peters, et al.	33	31	11/28/1994	
<i>RM</i>	A87	5,555,631	09/17/1996	Houston	33	31	01/17/1995	
<b>FOREIGN PATENT DOCUMENTS</b>								
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							YES	NO
<i>RM</i>	A88	903666		BE (Abstract)	<del>A61</del>	<del>B-000</del>	X	
	A89	1282987		SU (Abstract)	<del>B23</del>	<del>G-005</del>	X	
	A90	2612113		FR (Abstract)	<del>B26</del>	<del>B5</del>	X	
<i>RM</i>	A91	3837449		DE (Abstract)	<del>B26</del>	<del>B-003</del>	X	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
	A92							
	A93							
	A94							
	A95							
	A96							
EXAMINER <i>h a tto</i>				DATE CONSIDERED <i>6/22/04</i>				
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<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
	A97	6,052,909	04/25/1900	Gardner	30	310		
	A98	Des 243,117	01/18/1977	Green	D15	127		
	A99	658,711	09/25/1900	Forker	—	—		
	A100	660,211	10/23/1900	Durkel	—	—		
	A101	701,828	06/10/1902	Arnold	—	—		
	A102	705,576	07/29/1902	Forker	—	—		
	A103	742,047	10/20/1903	Moehle	—	—		
<b>FOREIGN PATENT DOCUMENTS</b>								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
	A104	3923785	—	DE (Abstract)	B29	C-065	X	
	A105	2242147	—	GB (Abstract)	B23	B-051	X	
	A106	2038926	—	RU (Abstract)	B23	C-003	X	
	A107	2297526	—	GB (Abstract)	B25	H7	X	
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
	A108							
	A109							
	A110							
	A111							
	A112							
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EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
<i>RA</i> ↓ ↓ ↓ ↓	A113	1,031,780	07/1921	Fine	33	31		
	A114	1,391,530	09/20/1921	Bustillo y Diego				
	A115	1,470,168	10/19/1923	Jepsen	33	31		
	A116	6,158,133	12/12/1900	Carlson, et al.	32	2701		
	A117	572,320	12/01/1896	Stuparich	—	—		
	A118	658,710	9/1900	Forker	—	—		
<i>m</i>	A119	697,997	6/1902	Drinkous	—			
<b>FOREIGN PATENT DOCUMENTS</b>								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
	A120	733434	—	EP (Abstract)	B23	G-001	X	
	A121	080309220	—	JP (Abstract)	B02	G-018	X	
	A122	29707792	—	DE (Abstract)	B26	D-007	X	
	A123	09300274	—	JP (Abstract)	B26	D-001	X	
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
	A124							
	A125							
	A126							
	A127							
	A128							
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EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
<i>RM</i>	A129	1,007,910	11/1911	Dakel	<i>7</i>	<i>1</i>		
	A130	3,621,574	11/1971	Yanke et al.	<i>1</i>	<i>1</i>		
	A131	4,112,793	9/1978	Pierce	<i>1</i>	<i>1</i>		
	A132	4,244,106	1/1981	Pierce	<i>1</i>	<i>1</i>		
	A133	4,567,927	2/1986	Plamann	<i>1</i>	<i>1</i>		
	A134	5,058,282	10/1991	Coll	<i>1</i>	<i>1</i>		
<i>RM</i>	A135	5,099,727	3/1992	Kozyrski et al.	<i>1</i>	<i>1</i>		
<b>FOREIGN PATENT DOCUMENTS</b>								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
<i>RM</i>	A136	2112630	<i>1</i>	RU (Abstract)	<del>B-23</del>	<del>B-001</del>	X	
	A137	9604901	<i>1</i>	NO (Abstract)	<del>B-23</del>	<del>K-007</del>	X	
<i>d</i>	A138	1209394	<i>1</i>	CN (Abstract)	<del>B-43</del>	<del>E-011</del>	X	
<i>RM</i>	A139	955133	<i>1</i>	EP (Abstract)	<del>B-26</del>	<del>B-003</del>	X	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
	A140							
	A141							
	A142							
	A143							
	A144							
EXAMINER <i>h</i>				DATE CONSIDERED <i>6/22/04</i>				
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<i>PR</i>	A145	5,189,800	3/1993	Morita et al.	—	—		
	A146	5,233,748	8/1993	Logan et al.	—	—		
<i>J</i>	A147	5,526,573	6/1996	Peters et al.	—	—		
	A148	6,484,406	11/2002	Gardner	—	—		
<i>J</i>	A149	179,039	6/1876	McAdams	—	—		
	A150	5,802,942	9/1998	Cornell et al.	—	—		
<i>PR</i>	A151	5,671,647	9/1997	Mori	—	—		
<b>FOREIGN PATENT DOCUMENTS</b>								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
<i>PR</i>	A152	979700	—	EP (Abstract)	B23	B-001	X	
<i>J</i>	A153	2250561	—	CA (Abstract)	B25	H-007	X	
	A154	0410058	—	EP (Abstract)	B23	Q27	X	
<i>PR</i>	A155	2621687	05/15/1976	DE	B26	B1		X
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
	A156							
	A157							
	A158							
	A159							
	A160							
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				FILING DATE <div style="text-align: center;">Herewith</div>		GROUP ART UNIT		
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
<i>DN</i> ↓	A161	5,322,001	6/1994	Boda	—	—		
	A162	4,426,781	1/1984	Kuftrin	—	—		
↓ <i>DN</i>	A163	4,057,898	11/1977	Plosky	—	—		
	A164	3,787,968	1/1974	Littmann	—	—		
<i>DN</i>	A165	3,576,148	4/1971	Katz	—	—		
	A166							
	A167							
<b>FOREIGN PATENT DOCUMENTS</b>								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
<i>DN</i>	A168	54-38466	03/23/1979	JP	<del>E16</del>	<del>H35</del>		X
<i>DN</i>	A169	53-124391	10/30/1978	JP	<del>B26</del>	<del>D3</del>		X
<i>DN</i>	A170	51-8152	01/22/1976	JP	<del>B23</del>	<del>K7</del>		X
	A171							
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
	A172							
	A173							
	A174							
	A175							
	A176							
EXAMINER <div style="text-align: center;"><i>Le...</i></div>					DATE CONSIDERED <div style="text-align: center;"><i>6/22/04</i></div>			
• EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.								

Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 031890-1705		SERIAL NO.		
<b>INFORMATION DISCLOSURE CITATION</b>  <i>(Use several sheets if necessary)</i>				APPLICANT <div style="text-align: center;">Gardner</div>				
				FILING DATE <div style="text-align: center;">Herewith</div>		GROUP ART UNIT		
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE	
	<del>A161</del>	<del>3,527,722</del>	<del>04/004</del>	<del>Rede</del>				
	<del>A162</del>	<del>4,426,781</del>	<del>11/084</del>	<del>M. H.</del>				
	<del>A163</del>	<del>4,057,898</del>	<del>11/037</del>	<del>...</del>				
	<del>A164</del>	<del>3,767,860</del>	<del>11/074</del>	<del>...</del>				
	<del>A165</del>	<del>3,576,140</del>	<del>11/074</del>	<del>Rede</del>				
	A166	2,790,240	4/1957	Silverstein				
	A167							
<b>FOREIGN PATENT DOCUMENTS</b>								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
							YES	NO
	<del>A168</del>	<del>57,324,222</del>	<del>03/23/1978</del>	<del>...</del>	<del>...</del>	<del>...</del>		
	<del>A169</del>	<del>53,124,301</del>	<del>10/20/1978</del>	<del>...</del>	<del>B26</del>	<del>D2</del>		X
	<del>A170</del>	<del>51,8182</del>	<del>01/22/1976</del>	<del>...</del>	<del>B26</del>	<del>...</del>		X
	A171							
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
	A172							
	A173							
	A174							
	A175							
	A176							
EXAMINER				DATE CONSIDERED				
				12-22-05				
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				FILING DATE <div style="text-align: center;">Herewith</div>		GROUP ART UNIT		
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
	A177							
	A178							
	A179							
	A180							
	A181							
	A182							
	A183							
<b>FOREIGN PATENT DOCUMENTS</b>								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
<i>R</i>	A184	61-226297	10/08/1986	JP	<del>B26</del>	<del>D3</del>		X
<i>f</i>	A185	4921232	02/25/1974	JP	<del>H8</del>	<del>D32</del>		X
<i>f</i>	A186	54-60028	05/15/1979	JP	<del>B43</del>	<del>L11</del>		X
<i>R</i>	A187	1-106296	07/18/1989	JP	<del>B43</del>	<del>L11</del>		X
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
	A188							
	A189							
	A190							
	A191							
	A192							
EXAMINER <div style="text-align: center;"><i>h</i></div>				DATE CONSIDERED <div style="text-align: center;"><i>6/22/04</i></div>				
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<b>INFORMATION DISCLOSURE CITATION</b>  <i>(Use several sheets if necessary)</i>				APPLICANT Gardner				
				FILING DATE Herewith		GROUP ART UNIT		
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
	A183							
	A194							
	A195							
	A196							
	A197							
	A198							
	A199							
<b>FOREIGN PATENT DOCUMENTS</b>								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
<i>M</i>	A200	48-4123	01/19/1973	JP	<del>118</del>	A22		X
<i>L</i>	A201	48-58260	08/15/1973	JP	<del>54</del>	<del>A8</del>		X
	A202	50-23336	08/07/1975	JP	B43	<del>L11</del>		X
<i>M</i>	A203	53-119132	10/18/1978	JP	B43	<del>L11</del>		X
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
	A204							
	A205							
	A206							
	A207							
	A208							
EXAMINER <i>W. J. [Signature]</i>					DATE CONSIDERED <i>6/22/04</i>			
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				FILING DATE Herewith		GROUP ART UNIT		
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
	A209							
	A210							
	A211							
	A212							
	A213							
	A214							
	A215							
<b>FOREIGN PATENT DOCUMENTS</b>								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
<i>me</i>	A216	55-20094	05/30/1980	JP	<del>E18</del>	<del>H21</del>		X
<i>↓</i>	A217	55-146800	11/15/1980	JP	<del>B43</del>	<del>L11</del>		X
<i>↓</i>	A218	61-32800	02/15/1986	JP	<del>B43</del>	<del>L11</del>		X
<i>me</i>	A219	62-60699	03/17/1987	JP	<del>B43</del>	<del>L11</del>		X
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
	A220							
	A221							
	A222							
	A223							
	A224							
EXAMINER <i>h. and</i>				DATE CONSIDERED <i>6/22/04</i>				
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				FILING DATE Herewith		GROUP ART UNIT		
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
	A225							
	A226							
	A227							
	A228							
	A229							
	A230							
	A231							
<b>FOREIGN PATENT DOCUMENTS</b>								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
<i>h</i>	A232	02293200	12/04/1990	JP (Abstract)	<del>B43</del>	<del>L11</del>	X	
<i>h</i>	A233	03101999	04/26/1991	JP (Abstract)	B43	L11	X	
<i>h</i>	A234	03244600	10/31/1991	JP (Abstract)	B43	L11	X	
<i>h</i>	A235	04164698	06/10/1992	JP (Abstract)	<del>B43</del>	<del>L11</del>	X	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
	A236							
	A237							
	A238							
	A239							
	A240							
EXAMINER <i>h</i>					DATE CONSIDERED <i>6/22/94</i>			
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				FILING DATE <div style="text-align: center;">Herewith</div>		GROUP ART UNIT		
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
	A241							
	A242							
	A243							
	A244							
	A245							
	A246							
	A247							
<b>FOREIGN PATENT DOCUMENTS</b>								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
<i>ma</i>	A248	6-88478	11/09/1994	JP	B43	L11		X
<i>↓</i>	A249	7-80390	08/30/1995	JP	B43	L11		X
<i>↓</i>	A250	08090988	04/09/1996	JP (Abstract)	B43	L11	X	
<i>ma</i>	A251	2552913	08/22/1996	JP	B43	L11		X
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
	A252							
	A253							
	A254							
	A255							
	A256							
EXAMINER <i>le auto</i>					DATE CONSIDERED <i>6/22/04</i>			
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				FILING DATE Herewith		GROUP ART UNIT		
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
	A257							
	A258							
	A259							
	A260							
	A261							
	A262							
	A263							
<b>FOREIGN PATENT DOCUMENTS</b>								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
<i>fx</i>	A264	10035182	02/10/1998	JP (Abstract)	<del>B43</del>	<del>E11</del>	X	
<i>f</i>	A265	47-19474	07/03/1972	JP	<del>B43</del>	<del>A</del>		X
<i>f</i>	A266	60-53592	04/15/1985	JP	<del>B43</del>	<del>E11</del>		X
<i>rn</i>	A267	61-83987	06/03/1986	JP	<del>B43</del>	<del>E11</del>		X
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
	A268							
	A269							
	A270							
	A271							
	A272							
EXAMINER <i>le</i>				DATE CONSIDERED <i>6/22/04</i>				
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				FILING DATE Herewith		GROUP ART UNIT		
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
	A273							
	A274							
	A275							
	A276							
	A277							
	A278							
	A279							
<b>FOREIGN PATENT DOCUMENTS</b>								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
<i>m</i>	A280	1581097	02/20/1978	Great Britain	<del>603</del>	<del>38</del>	X	
	A281							
	A282							
	A283							
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
	A284							
	A285							
	A286							
	A287							
	A288							
EXAMINER <i>h aw</i>				DATE CONSIDERED <i>4/22/04</i>				
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